

IN THE DRAWINGS

The drawings were objected to under 37 CFR 1.83(a) for failing to show:
1) source segments having different lengths; 2) source stripes having a doping concentration different from the doping concentration in the source contact regions; and 3) a single insulating layer completely covering the source stripes.

5 Responsive to the objection to the drawings for failing to show that the source segments may have different lengths, as claimed in claim 12, Applicants respectfully traverse.

Applicants submit that it is well settled that patent drawings do not define the proportions of the elements and may not be relied on to show particular sizes
10 if the specification is completely silent on the issue. The description of the article pictured, however, can be relied upon in combination with the drawings for what they would reasonably teach one of ordinary skill in the art. *In re Wright*, 569 F.2d 1124, 193 USPQ 332 (CCPA 1977). Applicants submit that when the drawings are considered in light of the description all the limitations of the claims
15 are taught.

Applicants respectfully point out that the drawings are not disclosed as or intended to be to scale. Therefore, the drawings can not be relied upon to show that the channel resistors (source stripes) are or can be of different sizes or lengths. Furthermore, Applicants submit that the present Specification clearly

teaches that the channel resistors can have different lengths. The lengths of the channel resistors may be different depending on their location. In general, shorter length channel resistors closer to the center of the die are preferred. In addition, opposing segments of the embodiment shown in Figs. 13, 14, 15 and 5 16 do not have to be the same length. (see page 10, bottom paragraph, of the present specification).

Thus, Applicants submit that the combination of the drawings and the description thereof provided in the present Specification teaches one of ordinary skill in the art that the channel resistors (source stripes) are or can be of different sizes or lengths. Accordingly, Applicants submit that the drawings conform to 10 37 CFR 1.83(a), and respectfully request withdrawal of the objection.

Responsive to the objection to the drawings for failing to show that the source stripes have a doping concentration different from the doping concentration in the source contact regions, as claimed in claim 17, Applicants 15 also traverse.

Applicants submit that dopant concentrations are not generally shown in patent drawings. Although dopant type is simple to and may often be indicated in patent drawings, dopant concentration is not simple to indicate upon and is not generally included in patent drawings. Rather, dopant concentration and ranges 20 thereof are typically provided only in the specification. Thus, for example, an indication of whether a certain layer is doped with a P-type or an N-type dopant

may appear on a patent drawing whereas an indication of the concentration of the dopant type is not typically shown in the drawings.

Furthermore, Applicants submit that the present Specification clearly teaches that the source stripes and contact regions can be formed with different 5 dopant concentrations. The source stripes are typically formed with N-type dopants. (*page 4, lines 27-28 of the present Specification*). The source contact regions are typically heavily N-doped. (*page 5, lines 4-5 of the present Specification*). The source contact regions and the source stripes may have the same heavy N-type doping. As an alternative, the stripes may have less of an N- 10 type doping concentration. (*page 5, lines 11-13 of the present Specification*).

Thus, Applicants submit that the combination of the drawings and the description thereof provided in the present Specification teaches one of ordinary skill in the art that the dopant concentration of the source stripes and source contact regions can be different. Accordingly, Applicants submit that the 15 drawings conform to 37 CFR 1.83(a), and respectfully request withdrawal of the objection.

Responsive to the objection to the drawings for failing to show a single insulating layer completely covering the source stripes, as claimed in claim 35, Applicants propose the addition of Figures 18a and 18b. Figure 18a shows the 20 structure recited in claim 35, whereas Figure 18b shows the structure recited in

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claim 28, and therefore Applicants submit that Figures 18a and 18b do not constitute new matter.

For all the foregoing reasons, Applicants submit that the drawings conform to 37 CFR 1.83(a), and respectfully request withdrawal of the objections.

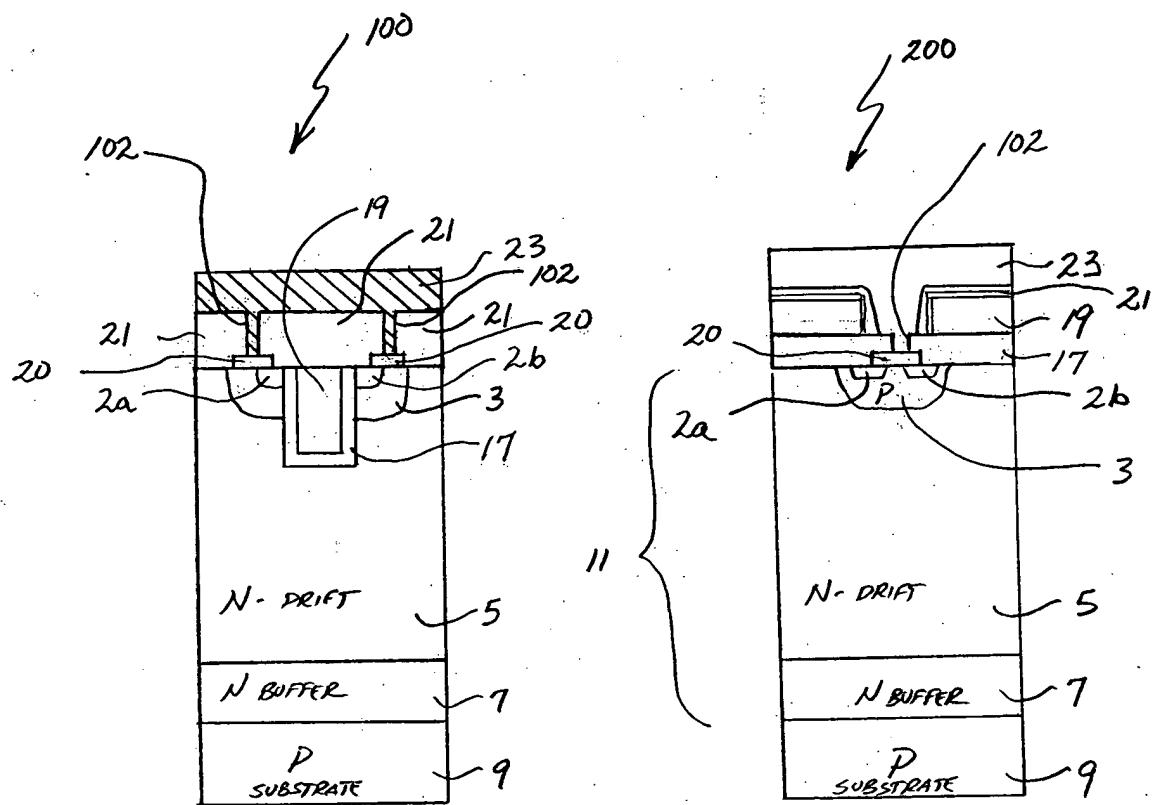


FIG. 18a

FIG. 18b